

PATENT

Case Docket No. IMEC285.001AUS

Date: February 9, 2004

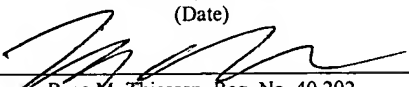
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Bilyalov, et al.
Appl. No. : 10/658,114
Filed : September 8, 2003
For : PHOTOVOLTAIC DEVICE
Examiner : Unassigned
Group Art Unit : 1753

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

February 9, 2004

(Date)


Rose M. Thiessen, Reg. No. 40,202

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with nine (9) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.



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INFORMATION DISCLOSURE STATEMENT

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 9 references that are also enclosed.

This Information Disclosure Statement is being filed before the mailing date of a final action under 37 C.F.R. § 1.113 and before the mailing date of a Notice of Allowance under § 1.311. A certification under 37 C.F.R. § 1.97(e) is set forth below. Thus, no fee is required as set forth in 37 C.F.R. § 1.97(c).

CERTIFICATION UNDER 37 C.F.R. § 1.97(e)(1)

I hereby certify that each item of information contained in this Statement was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months days/months prior to the filing of this Information Disclosure Statement.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: Feb 9, 2004

By: 

Rose M. Thiessen
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
IMEC285.001AUSAPPLICATION NO.
10/658,114INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Bilyalov, et al.FILING DATE
September 8, 2003GROUP
1753

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	1	JP03-235371	1/14/92	Japan (abstract only)				x
	2	JP05-283723	2/3/94	Japah (abstract only)				x

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	3	Bilyalov, et al., "Porous silicon as an intermediate layer for thin-film solar cell", Solar Energy Materials and Solar Cells, Elsevier Science Publishers, Amsterdam, Vol. 65, No. 1-4, Jan. 2001, pp. 477-485.
	4	Jin, et al., "Transmission electron microscopy investigation of the crystallographic quality of silicon films grown epitaxially on porous silicon", Journal of Crystal Growth, North-Holland Publishing Co., Amsterdam, Vol. 212, No. 1-2, 2000, pp. 119-127.
	5	Chang, et al., "Study and Fabrication of Pin Photodiode by using ZnSe/Ps/Si Structure", IEEE Transactions on Electron Devices, IEEE Inc., New York, Vol. 47, No. 1, January 1, 2000, pp. 50-54.
	6	Rubino, et al., "Amorphous/porous heterojunction on thin microcrystalline silicon", Journal of Non-Crystalline Solids, North-Holland Publishing Co., Amsterdam, Vol. 266-269, May 2000, pp. 1044-1048.
	7	Yerokhov, et al., "Porous silicon in solar cell structures: a review of achievements and modern directions of further use", Renewable and Sustainable Energy Reviews, Elsevier Science, New York, Vol. 3, No. 4, December 1999, pp. 291-322.
	8	Palsule, et al., "Electrical and optical characterization of crystalline silicon/porous silicon heterojunctions", Solar Energy Materials and Solar Cells, Elsevier Science Publishers, Amsterdam, Vol. 46, No. 4, July 1, 1997, pp. 261-269.
	9	European Search Report for Application No. EP 03 44 7226 (mailed December 15, 2003).

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EXAMINER	DATE CONSIDERED
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	